

## ANSWER SUMMARY

L2 ANSWER 1 OF 32 REGISTRY

1-(4-benzoyl-1-piperazinyl)-3,3-diphenyl- 1-Propanone; 1002609-89-3 REGISTRY

L2 ANSWER 2 OF 32 REGISTRY

2-[(diphenylmethyl)sulfinyl]-1-[4-[(3-(2-fluorophenyl)-5-isoxazolyl)methyl]-1-piperazinyl]- Ethanone; 953046-48-5 REGISTRY

L2 ANSWER 3 OF 32 REGISTRY

1-[2,6-dimethyl-4-[(tetrahydro-2H-pyran-4-yl)methyl]-1-piperazinyl]-2-[(diphenylmethyl)sulfinyl]- Ethanone; 942607-46-7 REGISTRY

L2 ANSWER 4 OF 32 REGISTRY

INDEX NAME NOT YET ASSIGNED; 937898-32-3 REGISTRY

L2 ANSWER 5 OF 32 REGISTRY

1-Piperazineacetamide; 879189-56-7 REGISTRY

L2 ANSWER 6 OF 32 REGISTRY

N-[bis(4-methylphenyl)methyl]-2,6-dimethyl-4-[(1-methyl-4-piperidinyl)methyl]- 1-Piperazinecarboxamide; 878161-89-8 REGISTRY

L2 ANSWER 7 OF 32 REGISTRY

4-[(3-chlorophenyl)(1-methyl-4-piperidinyl)methyl]-N-(diphenylmethyl)- 1-Piperazinecarboxamide; 878161-87-6 REGISTRY

L2 ANSWER 8 OF 32 REGISTRY

N-(diphenylmethyl)-4-[(1-methyl-4-piperidinyl)phenylmethyl]- 1-Piperazinecarboxamide; 878161-26-3 REGISTRY

L2 ANSWER 9 OF 32 REGISTRY

1-[(2-cyanophenyl)sulfonyl]-4-(1-oxo-3,3-diphenylpropyl)-Piperazine; 851471-34-6 REGISTRY

L2 ANSWER 10 OF 32 REGISTRY

4-[6,6-bis(4-fluorophenyl)-1-oxohexyl]-N-[(4-methylphenyl)methyl]-1-Piperazineethanamine; 816446-37-4 REGISTRY

L2 ANSWER 11 OF 32 REGISTRY

ethyl ester, 4-(diphenylmethyl)-1-(1-oxo-3,3-diphenylpropyl)-2-Piperazinecarboxylic acid, (2S)-; 811861-81-1 REGISTRY

L2 ANSWER 12 OF 32 REGISTRY

rel- 4-[ (2R,3R)-2-cyano-3-(2-methoxyphenyl)-2-methyl-3-(1-naphthalenyl)-1-oxopropyl]-N-(2-methylphenyl)-1-Piperazinecarboxamide; 796855-04-4 REGISTRY

L2 ANSWER 13 OF 32 REGISTRY

1-(2-furanylcarbonyl)-4-(1-oxo-3,3-diphenylpropyl)-Piperazine; 710977-12-1 REGISTRY

L2 ANSWER 14 OF 32 REGISTRY

1,1-dimethylethyl ester [4-[2-[4-[6,6-bis(4-fluorophenyl)-1-oxohexyl]-1-piperazinyl]ethoxy]-2,3,6-trimethylphenyl]-Carbamic acid; 667936-27-8 REGISTRY

L2 ANSWER 15 OF 32 REGISTRY

1-[3,5-bis(1,1-dimethylethyl)-4-methoxybenzoyl]-4-[6,6-bis(4-fluorophenyl)-1-oxohexyl]-Piperazine; 667936-11-0 REGISTRY

L2 ANSWER 16 OF 32 REGISTRY

1-[(3-chlorophenyl)phenylmethyl]-4-(1-oxo-3,3-diphenylpropyl)-Piperazine; 661453-54-9 REGISTRY

L2 ANSWER 17 OF 32 REGISTRY

1-[(2-chlorophenyl)phenylmethyl]-4-(1-oxo-3,3-diphenylpropyl)-Piperazine; 661453-53-8 REGISTRY

L2 ANSWER 18 OF 32 REGISTRY

1-[[2-(difluoromethoxy)phenyl]phenylmethyl]-4-(1-oxo-3,3-diphenylpropyl)-Piperazine; 661453-30-1 REGISTRY

L2 ANSWER 19 OF 32 REGISTRYN-[(1S)-2-[4-(cyclohexylcarbonyl)-3-methyl-1-piperazinyl]-2-oxo-1-(phenylmethyl)ethyl]-  $\alpha$ -phenyl- Benzeneacetamide; 336809-50-8 REGISTRYL2 ANSWER 20 OF 32 REGISTRYN-[(1S)-1-[(4-benzoyl-3-methyl-1-piperazinyl)carbonyl]-2-methylpropyl]-  $\alpha$ -phenyl- Benzeneacetamide; 335380-88-6 REGISTRYL2 ANSWER 21 OF 32 REGISTRY(2E)-2-butenedioate 4-(1-oxo-3,3-diphenylpropyl)- $\alpha$ -(5-quinolinylloxy)methyl]-1-Piperazineethanol; 178203-72-0 REGISTRYL2 ANSWER 22 OF 32 REGISTRY4-[2-[(diphenylmethyl)amino]-3-hydroxy-1-oxopropyl]- $\alpha$ -(2-methyl-3-pyridinyl)- 1-Piperazineacetonitrile; 150812-45-6 REGISTRYL2 ANSWER 23 OF 32 REGISTRY4-[(diphenylmethoxy)acetyl]- $\alpha$ -(2-methyl-3-pyridinyl)-1-Piperazineacetonitrile; 149692-04-6 REGISTRYL2 ANSWER 24 OF 32 REGISTRY(S)-4-[2-[(diphenylmethyl)amino]-3-hydroxy-1-oxopropyl]- $\alpha$ -(2-methyl-3-pyridinyl)-1-Piperazineacetonitrile; 149691-98-5 REGISTRYL2 ANSWER 25 OF 32 REGISTRY4-[(diphenylmethyl)amino]acetyl]- $\alpha$ -(2-methyl-3-pyridinyl)-1-Piperazineacetonitrile; 149691-90-7 REGISTRYL2 ANSWER 26 OF 32 REGISTRY $\alpha$ -(3-nitrophenyl)-4-(1-oxo-3,3-diphenylpropyl)- 1-Piperazineacetonitrile; 143817-14-5 REGISTRYL2 ANSWER 27 OF 32 REGISTRY

1-[(1-oxido-4-pyridinyl)carbonyl]-4-(1-oxo-3,3-diphenylpropyl)-Piperazine; 143817-09-8 REGISTRY

L2 ANSWER 28 OF 32 REGISTRY

1,4-bis[(diphenylmethoxy)acetyl]-Piperazine; 118273-63-5 REGISTRY

L2 ANSWER 29 OF 32 REGISTRY

1-[(diphenylmethoxy)acetyl]-4-(3-phenyl-2-propenyl)-Piperazine; 67469-56-1 REGISTRY

L2 ANSWER 30 OF 32 REGISTRY

Piperazine, 1-(1-oxo-3,3-diphenylpropyl)-4-(2-phenoxyethyl)-,monohydrochloride; 56231-25-5 REGISTRY

L2 ANSWER 31 OF 32 REGISTRY

Piperazine, 1-(1-naphthalenylmethyl)-4-(1-oxo-3,3-diphenylpropyl)-,monohydrochloride; 56231-17-5 REGISTRY

L2 ANSWER 32 OF 32 REGISTRY  
 monohydrochloridel-benzyl-4-(3,3,3-triphenylpropionyl)-Piperazine, 1-benzyl-4-(3,3,3-triphenylpropionyl)-; 1947-45-1 REGISTRY

L4 ANSWER 1 OF 11 CAPLUS

Preparation of 1-diphenylalkanoyl-2-(2,3- dihydroxypropyl)piperazine derivatives as agents for overcoming drug resistance in chemotherapy; 1996:391647 CAPLUS

L4 ANSWER 2 OF 11 CAPLUS

Design, Synthesis, and Structure-Activity Relationship Studies of Novel 1-[(1-Acyl-4-piperidinyl)methyl]-1H-2- methylimidazo[4,5-c]pyridine Derivatives as Potent, Orally Active Platelet-Activating Factor Antagonists; 1996:6879 CAPLUS

L4 ANSWER 3 OF 11 CAPLUS

Synthesis and structure-activity relationships of 1-acyl-4-((2-methyl-3-pyridyl)cyanomethyl)piperazines as PAF antagonists; 1994:106931 CAPLUS

L4 ANSWER 4 OF 11 CAPLUS

(2-alkyl-3-pyridyl)methylpiperazine derivatives as platelet activating factor (PAF) antagonists; 1993:539266 CAPLUS

L4 ANSWER 5 OF 11 CAPLUS

(Pyridylcyanomethyl)piperazines as orally active PAF antagonists; 1992:612450 CAPLUS

L4 ANSWER 6 OF 11 CAPLUS

Benzhydryl compounds as herbicide antidotes; 1989:192421 CAPLUS

L4 ANSWER 7 OF 11 CAPLUS

Piperazine derivatives; 1978:509588 CAPLUS

L4 ANSWER 8 OF 11 CAPLUS

Synthesis of piperazine derivatives. XI. Preparation of N1-substituted N4-acylpiperazines; 1975:458752 CAPLUS

L4 ANSWER 9 OF 11 CAPLUS

Anthelmintic carboxylic acid piperazides; 1971:463832 CAPLUS

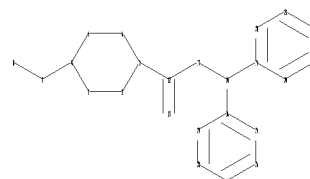
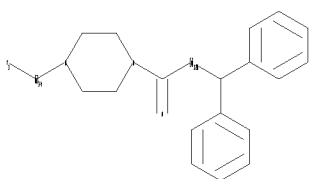
L4 ANSWER 10 OF 11 CAPLUS

Carboxylic piperazides with chemotherapeutic activity against *Dicrocoelium dendriticum*; 1965:66409 CAPLUS

L4 ANSWER 11 OF 11 CAPLUS

N-Acylpiperazines; 1964:492393 CAPLUS

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chain nodes :
7 8 12 13 14 17
ring nodes :
1 2 3 4 5 6 15 16 20 21 22 23 24 25 26 27 28 29
chain bonds :
1-12 4-7 7-8 12-13 12-17 13-14 14-15 14-16
ring bonds :
1-2 1-6 2-3 3-4 4-5 5-6 15-20 15-24 16-25 16-29 20-21 21-22 22-23 23-24 25-26 26-27 27-28 28-29
exact/norm bonds :
1-2 1-6 1-12 2-3 3-4 4-5 4-7 5-6 7-8 12-13 12-17 13-14
exact bonds :
14-15 14-16
normalized bonds :
15-20 15-24 16-25 16-29 20-21 21-22 22-23 23-24 25-26 26-27 27-28 28-29

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G1:Cb,Cy,Hy

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Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:CLASS 8:CLASS 12:CLASS 13:CLASS 14:CLASS 15:Atom 16:Atom 17:CLASS 20:Atom 21:Atom 22:Atom 23:Atom 24:Atom 25:Atom 26:Atom
27:Atom 28:Atom 29:Atom

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L1 STRUCTURE UPLOADED

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SAMPLE SEARCH INITIATED 11:44:53 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 508 TO ITERATE

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100.0% PROCESSED 508 ITERATIONS 32 ANSWERS
SEARCH TIME: 00.00.01

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FULL FILE PROJECTIONS: ONLINE **COMPLETE**
                        BATCH **COMPLETE**
PROJECTED ITERATIONS: 8808 TO 11512
PROJECTED ANSWERS: 301 TO 979

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L2 32 SEA SSS SAM L1

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L1 HAS NO ANSWERS

L1 STR

/ Structure 1 in file .gra /

Structure attributes must be viewed using STN Express query preparation.

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. L2 ANSWER 32 OF 32 REGISTRY COPYRIGHT 2008 ACS on STN

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L3
=> s 13 and py<=1998
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L4      11 L3 AND PY<=1998
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. L4 ANSWER 1 OF 11 CAPLUS COPYRIGHT 2008 ACS on STN

. L4 ANSWER 2 OF 11 CAPLUS COPYRIGHT 2008 ACS on STN

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. L4 ANSWER 11 OF 11 CAPLUS COPYRIGHT 2008 ACS on STN

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ALL L# QUERIES AND ANSWER SETS ARE DELETED AT LOGOFF
LOGOFF? (Y)/N/HOLD:y
STN INTERNATIONAL LOGOFF AT 11:53:01 ON 27 FEB 2008
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